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				Art Unit	3635	
				Examiner Name	R. Canfield	
Sheet	1	of	2	Attorney Docket Number	503.35255VX8	

		Document Number		1 1	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
Examiner Initials'	Cite No. ¹	Number-Kind Code ³ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			
		US-5,388,529 1999		Tieberghien et al.			
		US-5,979,742 1999	1111999	Enomoto et al.			
		US-3,849,871 1974	111974	Kaunitz			
		US-5,794,835 1998	8/1998	Colligan, et al.			
		US-5,460,317 1995	10/1995	Thomas, et al.			
		US-5,140,913 4982	- 8/1992	Takeichi, et al.			
		US-5,098,007 1992	3/1992	Tsuruda, et al.			
		US-5,651,154 1997	7/867	Ahiskog, et al.			
$\overline{\lambda}$		US-5,810,507 1998		Ahiskog, et al.			
(PC)		US-5,901,396 1999	6 1999	Ahlskog, et al.			
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Initials'	No.1	Country Code ³ -Number ⁴ -Kind Code ⁹ (if known)							
		JP 57-112813	1980					1	<u></u>
		JP 54-11250	1979						
120		JP 7-266068	111000 10 1995	10	1995				
(CO)		JP 10-216964	6/1998		1				
(4)		JP 60-166177	8/1985						Ĺ
\sim		JP 51-111025	1075						
(2)		JP 6-156272	1994	T					
(22)		JP 7-33016	1-4990- Z / 1998	Ŧ					
		JP 0 570 500 A1	1994						
80		WO 93/10935	d1993	L.		•			
(SC)	-	JP 9-221024	8/1997	Ī					<u>L</u>

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PTO/SB/08A (10-01)

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Light Metal Welding Vol. 33. No. 7, pp. 19-26 (1995) Verksstadnerna Nr 2, pp. 32 and 34 (1996)	
Verksstadnerna Nr 2, pp. 32 and 34 (1996)	
Verksstadnerna Nr 2, pp. 32 and 34 (1996)	_
Metalworking Technology Europe, Sterline Publication, pp. 143-145, (1994)	
Metalworking Technology Europe, Sterline Publication, pp. 143-145, (1994)	
An Introduction to Friction Stir Welding and its Development, by CJ Dawes, Welding & Metal Fabrication, pp. 13-16, (1995)	
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